

October 17, 2001

INFORMATION DISCLOSURE
STATEMENT
Patent Application
Docket No. MOR-100D2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Michael J.P. Lawman, Patricia Lawman
Docket No. : MOR-100D2
For : Materials and Procedures for the Purification of Cells

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 AND §1.98

Sir:

In accordance with 37 CFR §1.97 and §1.98, Applicants would like to bring to the attention of the Examiner, the references cited in the patent applications:

U.S. Serial No. 09/437,509, filed November 10, 1999; and

U.S. Serial No. 08/965,949, filed November 7, 1997, now abandoned.

The subject application claims the benefit under 35 USC §120 of the filing date of the patent applications referred to above. Applicants respectfully request that the copies of references supplied in the Information Disclosure Statement of the 09/437,509 and 08/965,949 applications, as well as references cited during the prosecution thereof, be made of record in the subject application. As copies of the references filed in the 09/437,509 and 08/965,949 applications, and cited on the attached form PTO-1449, can be found in the 09/437,509 and 08/965,949 casefiles, copies of those references are not provided herewith.

A foreign-language document included with the International Search Report on the international PCT application corresponding to the 08/965,949 application was disclosed in the 09/437,509 and 08/965,949 applications. For the convenience of the Examiner, an English translation of the abstract for this foreign-language document is provided below:

WO 95/29199: This patent document pertains to electrically conductive electroactive conjugated polymers, and uses thereof, said polymers including at least one functional group covalently bonded to a first biological molecule or anti-ligand of formula (II), wherein n is an integer other than zero and i is an integer from 2 to $n-1$, and each of R^1 , R^{i1} and R^{in} , which are the same or different, is H or a functional group covalently bonded or bondable to a first biological molecule or anti-ligand.

It is respectfully requested that the references cited in the 09/437,509 and 08/965,949 applications be considered in the examination of the subject application and that their consideration be made of record.

Applicants have also listed on form PTO-1449 a reference which has not been cited the 09/437,509 or 08/965,949 applications. A copy of the document is enclosed with this IDS. Applicants respectfully request that this reference be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



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Attachments: Form PTO-1449; copy of reference


Form PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MOR-100D2	SERIAL NO. not yet assigned
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S): Michael J.P. Lawman, Patricia Lawman	
		FILING DATE October 17, 2001	GROUP not yet assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APP ¹	RIATE
AA	5	4	4	0	0	2	5	8/8/95	Marx <i>et al.</i>	536			
AB	5	4	9	1	0	9	7	2/13/96	Ribi <i>et al.</i>	436			
AC	5	2	5	6	2	7	1	10/26/93	Ikariyama <i>et al.</i>	204			
AD	5	3	1	0	4	6	9	5/10/94	Cunningham <i>et al.</i>	204			
AE	5	1	4	9	8	2	6	9/22/92	Delabougliuse	548	518		
AF	5	1	3	2	0	4	9	7/21/92	Garreau	252	500		
AG	5	0	5	9	6	9	4	10/22/91	Delabougliuse	548	518		
AH	4	8	3	9	0	1	7	6/13/89	Taniguchi	204	403		
AI	6	1	8	4	0	3	0	2/6/01	Katoot <i>et al.</i>	435	287.2		

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FOREIGN PATENT DOCUMENTS

ORIGINAL PATENT DOCUMENTS										TRANSLATION			
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AJ	9	4	0	2	0	1	6	2/3/94	PCT			
	AK	9	5	2	9	1	9	9	11/2/95	PCT			
	AL	9	6	0	4	3	4	0	2/15/96	PCT			
	AM	8	9	1	1	6	4	8	11/30/89	PCT			
	AN	8	9	0	3	8	7	6	5/5/89	PCT			

NONPATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Englebienne, P., M. Weiland (1996) "Water-soluble conductive polymer homogeneous immunoassay (SOPHIA). A novel immunoassay capable of automation" <i>Journal of Immunological Methods</i> 191:159-170.
AP	Loh, Ih-Houng, R. Moody, J.C. Huang (1990) "Electrically Conductive Membranes: Synthesis and Applications" <i>Journal of Membrane Science</i> 50:31-49.
AQ	Alva, K.S. <i>et al.</i> (1996) "Novel immobilization techniques in the fabrication of efficient electrochemical biosensors" <i>S.P.I.E.</i> 2716:152-163.
AR	Bender, J.G. <i>et al.</i> (1991) "Identification and Comparison of CD34-Positive Cells and Their Subpopulations From Normal Peripheral Blood and Bone Marrow Using Multicolor Flow Cytometry" <i>Blood</i> 77(12):2591-2596.
AS	Berenson, R.J. <i>et al.</i> (1991) "Engraftment After Infusion of CD34+ Marrow Cells in Patients With Breast Cancer or Neuroblastoma" <i>Blood</i> 77(8):1717-1722.
AT	Wong <i>et al.</i> (1994) "Electrically Conducting Polymers Can Noninvasively Control the Shape and Growth of Mammalian Cells" <i>PNAS</i> 91:3201-3204.
AU	Prezyna <i>et al.</i> (1991) "Interaction of Cationic Polypeptides with Electroactive Polypyrrole/Poly (Styrenesulfonate) and Poly (N-methylpyrrole)/Poly (Styrene sulfonate) Films" <i>Macromolecules</i> 24:5283-5287.
AV	Smith <i>et al.</i> (1991) "Investigation of the Relationship Between Conductivity and Protein-Binding Properties of Polypyrrole" <i>J. Appl. Polym. Sci.</i> 43:399-403.
AW	de Wynter, E.A. <i>et al.</i> (1995) "Comparison of Purity and Enrichment of CD34+ Cells from Bone Marrow, Umbilical Cord and Peripheral Blood (Primed for Apheresis) Using Five Separation Systems" <i>Stem Cells</i> 13:524-532.
AX	Zehab, R., V. Change, G.A. Orr (1983) "An Analytical Method for the Selective Retrieval of Iminobiotin-Derivatized Plasma Membrane Proteins" <i>Analytical Biochemistry</i> 129:156-161.

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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